GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

STARRED QUESTION NO:304
ANSWERED ON:19.12.2008
POTENTIAL OF NON CONVENTIONAL ENERGY SOURCES
Rawat Shri Kamla Prasad

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has made any assessment of the energy generation potential of Non-conventional sources in the country;

(b) if so,the details thereof,State-wise;

(c) the total energy being generated in the country through various Non-conventional sources at present,source-wise and State-wise;and

(d) the efforts being made by the Government to tap the remaining potential during the Eleventh Five Year Plan?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR)

A statement is laid on the Table of the House.

Statement

Statement referred in reply to parts (a) to (d) of the Lok Sabha Starred Question No.304 for 19.12.2008 by Shri Kamla Prasad Rawat,MP regarding Potential of Non-Conventional Energy Sources

A potential of around 86,000 MW has been estimated for power generation through various renewable energy sources in the country as on date.State-wise details are given in Annexure-I. The total grid-interactive power generation capacity from various renewable energy sources in the country is about 13,615 MW as on 30.11.2008.State-wise and source-wise details thereof are given in Annexure-II.

The Government has put in place a conducive policy and regulatory framework under the Electricity Act 2003, the National Electricity Policy 2005 and Tariff Policy 2006 to attract investment in Renewable power sector.There are several programmes under which a mix of fiscal and financial incentives are being provided, which include capital/ interest subsidy,accelerated depreciation,nil/ concessional excise and customs duties. Preferential tariff for grid interactive renewable power is being given in most potential States.Benefit under Section 80-1A of Income Tax Act 1961 is also available to undertakings setup for the generation or generation and distribution of Renewable power in India. It is envisaged that with these efforts,capacity of 15,000 MW (14,000 MW grid-interactive and 1,000 MW off-grid / distributed) from renewable sources will get added during the 11th Plan. Thus, by the end of the 11th Plan grid-interactive renewable power installed capacity is likely to cross 24,000 MW or about 11 per cent of the then likely total installed capacity.